



# THE HEALTH OF HARLOW

in the year 1969



## STATISTICAL REVIEW







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## **PUBLIC HEALTH COMMITTEE**

**as on**

**31st December**

**1969**

### *Chairman:*

Councillor Mrs E. I. V. Morris

### *Vice-Chairman*

Councillor R. P. Chant

### *Members:*

Councillor Mrs M. Bach  
Councillor B. E. Barry  
Councillor A. Danby

Councillor Mrs A. J. Garner  
Councillor W. W. Gibson  
Councillor E. L. Parrish

### *Ex-Officio Members*

Councillor J. F. Beecher  
Chairman of the Council

Councillor D. F. Condon  
Vice-Chairman of the Council

## PUBLIC HEALTH DEPARTMENT

Offices: Medical Officer of Health, Town Hall, Harlow.  
Telephone: Harlow 21031

Public Health Inspectors, Broadfield, Fishers  
Hatch, Harlow. Telephone: Harlow 27651

### Staff:

*Medical Officer of Health \**  
I. ASH, MD, DPH

*Deputy Medical Officer of Health †*  
G. E. THOMAS, MB, BS, DRCOG, DPH

*Chief Public Health Inspector:* H. L. HUGHES, DPA, FAPHI, MRSH, 1 2 3

*Deputy Chief Public Health  
Inspector:* D. W. TOWNSEND, MAPHI, 1 2 3 4

*Public Health Inspector:* W. WOOD, MAPHI, 2 3 5 (to 30.6.69)

*Public Health Inspector:* M. R. RUOCCO, MAPHI, MRSH, 1 2 3

*Public Health Inspector:* J. S. DRIPPS, MAPHI, 1 2 3

*Public Health Inspector:* D. R. O'NEILL 6 (from 25.8.69)

*Technical Assistant:* R. GETHING

*Chief Clerk:* MISS A. E. A. ROTHWELL

*Personal Administrative Assistant  
to Medical Officer of Health:* MRS B. CRUICKSHANK

*Clerk/Typists:* MRS B. KAYE (to 30.4.69)  
MISS L. TODD  
MRS C. CHRISTY  
MISS U. SPRINGHAM (from 7.7.69)

- \* Also Medical Officer of Health for Epping UDC and Epping and Ongar RDC and Area Medical Officer and Divisional School Medical Officer, Essex County Council.
- † Also Deputy Medical Officer of Health for Epping UDC and Epping & Ongar RDC and Senior Medical Officer, Essex County Council.
- 1 Certificate of the Royal Society of Health and Public Health Inspectors Examination Joint Board.
- 2 Royal Society of Health (Meat and Other Foods) Certificate.
- 3 Diploma of the Royal Society of Health for Smoke Inspectors.
- 4 Certificate in Sanitary Science, Royal Society of Health.
- 5 Sanitary Inspectors' Certificate, Royal Sanitary Association of Scotland.
- 6 Public Health Inspectors Diploma of the Public Health Inspectors Education Board.



*To the Chairman and Members of the Harlow Urban District Council*

Mr. Chairman, Ladies and Gentleman,

I have pleasure in presenting to you the Statistical Review for the year 1969 which replaces the former Annual Report. I was glad to note that this new form of presentation was well received when I first introduced it last year, and I am now looking forward to publishing next year a full and comprehensive report on the health of the population of Harlow and the work of the Public Health Department for the five years 1966-1970.

As regards the vital statistics for 1969, I should like to underline the following facts: The decline in the birth rate which continued year after year from 1966, when separate records for Harlow U.D.C. began to be compiled, has stopped, at least temporarily. The corrected rate remains lower than the rate for England and Wales. Despite the easy availability of contraceptive advice and material and the operation of the Abortion Act, illegitimacy increased further to 5.8% of all live births. However, this rate still compares very favourably with that for the country as a whole which stood at 8.4%.

Amongst the babies born in 1969 there were fewer congenital malformations, although more died as a result of them than in 1968.

The general mortality rate was the same as in the previous year and the corrected rate was again slightly higher than the rate for England and Wales. On the other hand, however, the infant and perinatal mortality rates were all well below the national ones.

As far as the personal health services are concerned, i.e. those administered by the Essex County Council, it is worth mentioning that the early discharge scheme from the General Practitioners Maternity Unit at Princess Alexandra Hospital in which domiciliary midwives fully participate, continued to operate satisfactorily. Some minor difficulties caused by personality clashes were soon overcome.

The work of the domiciliary midwives almost doubled in comparison with the previous year and most of it was centred on the G.P. Unit; only 12.2% of all births were domiciliary. Early discharges from the Consultant Maternity Unit increased to 324 cases.

Towards the middle of the year an Audiology Clinic was opened in specially sound-proofed premises at Lister House. This clinic provides a much needed service and referrals come from general practitioners and the school health service not only in Harlow but also in the neighbouring division.



On the environmental health side, efforts continued to improve still further the standard of food hygiene in the various catering and food producing establishments in the town. Because the sanitary conditions in Harlow are generally good, the public health inspectors can concentrate on certain very important details in the practice of food handling and storage which cannot be given the same attention by public health departments of other local authorities.

Although food hygiene was given a prominent place in the daily routine work of the public health inspectors, a wide variety of other duties were also performed as may be seen from the statistical information. In particular a great deal of time was spent in investigating complaints relating to condensation and water penetration in some types of dwellings in the town.

In conclusion I feel that the work carried out by my department has achieved very satisfactory results and my thanks are due to all members of the staff who, each in his or her own sphere, contributed to this success.

I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

I. ASH, MD, DPH.

*Medical Officer of Health*

Town Hall

Harlow

Essex

September 1970

**Visitors to Harlow:**

The following were visitors to the Department during 1969:

Three parties of students from King Edward's Fund, College of Hospital Administration

Party of 13 M.Ps, members of the Committee on Public Health of the Second Chamber of the Netherlands Parliament.

Dr. D. Abdon, Egyptian Ministry of Health.

Professor D. M. Mori of the Institute of Hygiene, University of Perugia, Italy.

Party of 20 doctors, members of the Japanese Public Health Association.

Mr. R. Auld, Executive Director of the Ontario Society for Crippled Children.

Three senior Indonesian Medical Officers.

GENERAL DATA

Area (in acres)	...	...	...	6,313	
Number of houses (mid-year)	...	...	...	23,150	(22,100)
Number of houses per acre (average mid-year)	...			3.7	(3.5)
Number of persons per acre (average mid-year)	...			12.1	(11.7)
Number of persons per house (average mid-year)	...			3.3	(3.3)
Rateable value (mid-year)	...	...	...	£4,487,271	(£4,234,351)
Product of a penny rate (financial year 69/70)	...			£18,160	(£17,590)
The rate in the £ (financial year 1969/70)	...			14/9	(13/10)

POPULATION

Resident population (Registrar General's mid-year estimate)		76,240	(74,110)
Increase over previous year	...	2,130	(2,740)
Increase due to excess of births over deaths	...	1,124	(1,076)
Balance due to inward migration	...	1,006	(1,664)

BIRTHS

Live Births		Males	Females
Legitimate	...	722 (726)	680 (638)
Illegitimate	...	45 (38)	37 (32)
Total	...	767 (764)	717 (670)
Crude rate per 1000 population	...	19.5	(19.3)
*Adjusted rate per 1000 population	...	14.4	(14.3)
Rate per 1000 population for England and Wales	...	16.3	(16.9)
Ratio of local adjusted birth rate to national rate	...	0.89	(0.85)

\*Area comparability factor 0.74

Illegitimate Live Births

Number registered	...	82	(70)
Rate per 100 live births	...	5.8	(4.9)
Rate per 100 live births in England and Wales	...	8.4	(8.4)

Still Births				Males		Females	
Legitimate	...	...	...	4	(6)	8	(8)
Illegitimate	...	...	...	-	(-)	2	(-)
Total	...	...	...	4	(6)	10	(8)
Rate per 1000 live and still births				9.3		(10.0)	
Rate per 1000 live and still births in							
England and Wales		...	...	13.2		(14.3)	

Total Births (Live and still)

Legitimate	...	...	...	726	(732)	688	(646)
Illegitimate	...	...	...	45	(38)	39	(32)
Total	...	...	...	771	(770)	727	(678)

The place of birth was as follows:

Hospital	1316	(87.8%)
Home	182	(12.2%)

Still Births by Cause and Place of Confinement

				Hospital		Home		Total	
Congenital anomalies	...	...	...	-	(1)	-	(-)	-	(1)
Toxaemias of pregnancy	...	...	...	-	(2)	-	(-)	-	(2)
Conditions of placenta	...	...	...	8	(2)	1	(-)	9	(2)
Anoxic and hypoxic conditions	...	...	...	3	(1)	-	(-)	3	(1)
Immaturity	...	...	...	1	(2)	-	(-)	1	(2)
Haemolytic disease	...	...	...	-	(2)	-	(-)	-	(2)
Conditions of umbilical cord	...	...	...	-	(2)	1	(-)	1	(2)
Unknown cause	...	...	...	-	(2)	-	(-)	-	(2)

Still Births according to Place of Booking and Delivery

Place of Booking	Place of Confinement	Parity					
		0	1	2	3	4	5+
Hospital	Hospital	8 (8)	2 (-)	1 (2)	1 (2)	1 (-)	- (1)
Home	Home	- (-)	- (-)	- (-)	- (-)	1 (-)	- (-)
Home	Hospital (transfer before labour)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
Home	Hospital (transfer in labour)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)



Premature Infants (5½lbs in weight or under) - Place of Birth and Mortality

Place of Birth	Still Births	Live Births	Death within		
			24hrs	7days	28days
Hospital	10 (9)	77 (78)	8 (9)	1 (-)	- (-)
Home	- (-)	3 (4)	- (-)	- (-)	- (-)

Congenital anomalies reported during the year

No. of infants.	No. of anomalies in each.
- (1)	4
1 (1)	3
6 (7)	2
15 (20)	1

Nature or site of anomalies	No. of anomalies
Hydrocephalus	1 (3)
Spina bifida	1 (5)
Other anomalies of the C.N.S.	- (1)
Cleft palate, lip	- (5)
Talipes	1 (7)
Other anomalies of limbs	6 (5)
Other anomalies of muscolo-skeletel system	2 (5)
Skin, hair and nails	6 (2)
Genital organs	8 (3)
Urinary system	1 (2)
Respiratory system	- (1)
Digestive system	3 (1)
Mongolism	- (1)
Other	- (1)

## DEATHS

	<i>Males</i>	<i>Females</i>
<b>All Ages</b> . . . . .	230 (180)	157 (178)
Crude rate per 1,000 population . . .	4.7	(4.8)
*Adjusted rate per 1,000 population . . .	12.3	(12.5)
Rate for England and Wales per 1,000 population . . . . .	11.9	(11.9)
Ratio of local adjusted death rate to national rate . . . . .	1.03	(1.05)

\*Comparability factor 2.61 (2.61)

<b>Infants under 1 year of age</b>	<i>Males</i>	<i>Females</i>
Legitimate . . . . .	13 (10)	9 (10)
Illegitimate . . . . .	- (1)	- (2)
Total . . . . .	13 (11)	9 (12)
Legitimate infant mortality rate per 1,000 legitimate live births . . . . .	15.7	(14.7)
Legitimate infant mortality rate per 1,000 legitimate live births for England and Wales . . . . .	17.4	(17.8)
Illegitimate infant mortality rate per 1,000 illegitimate live births . . . . .	-	(42.8)
Illegitimate infant mortality rate per 1,000 illegitimate live births for England and Wales . . . . .	25.4	(23.4)
Total infant mortality rate per 1,000 live births . . . . .	14.8	(16.0)
Total infant mortality rate per 1,000 live births for England and Wales . . . . .	18.0	(18.3)

<b>Neonatal Deaths (Infants under 4 weeks of age)</b>	<i>Males</i>	<i>Females</i>
Legitimate . . . . .	9 (6)	7 (5)
Illegitimate . . . . .	- (-)	- (1)
Total . . . . .	9 (6)	7 (6)
Neonatal mortality rate per 1,000 live births . . . . .	10.8	(8.4)
Neonatal mortality rate per 1,000 live births for England and Wales . . . . .	12.0	(12.3)

Early Neonatal Deaths (infants under 1 week of age)					<i>Males</i>		<i>Females</i>	
Legitimate	...	...	...	...	8	(6)	6	(4)
Illegitimate	...	...	...	...	-	(-)	-	(1)
Total	...	...	...	...	8	(6)	6	(5)
Early neonatal mortality rate per 1,000 live births					9.4		(7.7)	
Early neonatal mortality rate per 1,000 live births for England and Wales					10.3		(10.5)	

Perinatal Mortality (still births and deaths under 1 week combined)								
Rate per 1,000 live and still births					18.7		(17.0)	
Rate per 1,000 live and still births for England and Wales					23.4		(24.7)	

Maternal Mortality								
Maternal deaths (including abortion)					-		(-)	
Maternal mortality rate per 1,000 live and still births					-		(-)	
Maternity mortality rate per 1,000 live and still births for England and Wales					0.2		(0.2)	

# CAUSES OF DEATH

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Tuberculosis other than respiratory, including late effects	1 (-)	- (-)	1 (-)
Measles	- (-)	1 (-)	1 (-)
Other infective and parasitic diseases	- (1)	1 (2)	1 (3)
Malignant neoplasm, buccal cavity etc.	1 (-)	- (-)	1 (-)
Malignant neoplasm, stomach	3 (5)	3 (3)	6 (8)
Malignant neoplasm, intestine	4 (-)	7 (-)	11 (-)
Malignant neoplasm, lung, bronchus	23 (15)	4 (10)	27 (25)
Malignant neoplasm, breast	- (-)	8 (14)	8 (14)
Malignant neoplasm, uterus	- (-)	5 (4)	5 (4)
Malignant neoplasm, prostate	2 (-)	- (-)	2 (-)
Leukaemia	- (2)	2 (1)	2 (3)
Other malignant neoplasms	14 (19)	16 (17)	30 (36)
Benign and unspecified neoplasms	1 (-)	- (3)	1 (3)
Diabetes mellitus	1 (1)	2 (3)	3 (3)
Other endocrine diseases	2 (-)	1 (-)	3 (-)
Other diseases of the blood	1 (-)	- (-)	1 (-)
Mental disorders	- (-)	3 (1)	3 (1)
Other diseases of the nervous system, etc.	3 (-)	3 (-)	6 (-)
Chronic rheumatic heart diseases	3 (2)	5 (4)	8 (6)
Hypertensive disease	- (2)	1 (3)	1 (5)
Ischaemic heart disease	58 (58)	24 (24)	82 (82)
Other forms of heart disease	7 (6)	5 (7)	12 (13)
Cerebrovascular disease	12 (13)	14 (28)	26 (41)
Other diseases of circulatory system	7 (4)	7 (9)	14 (13)
Influenza	2 (3)	- (4)	2 (7)
Pneumonia	12 (11)	13 (14)	25 (25)
Bronchitis and emphysema	9 (8)	- (2)	9 (10)
Asthma	1 (1)	- (1)	1 (2)
Other diseases of respiratory system	1 (5)	1 (1)	2 (6)
Peptic ulcer	1 (1)	1 (1)	2 (2)
Appendicitis	2 (-)	- (-)	2 (-)
Intestinal obstruction and hernia	1 (2)	3 (1)	4 (3)
Cirrhosis of liver	1 (-)	- (-)	1 (-)
Diseases of digestive system	3 (-)	3 (1)	6 (1)
Nephritis and nephrosis	- (2)	1 (-)	1 (2)
Hyperplasia of prostate	1 (-)	- (-)	1 (-)
Other diseases, genito-urinary system	1 (-)	2 (-)	3 (-)
Diseases of musculo-skeletal system	- (-)	1 (-)	1 (-)
Congenital anomalies	4 (4)	5 (2)	9 (6)
Birth injury, difficult labour, etc.	6 (-)	2 (1)	8 (1)
Other causes of perinatal mortality	1 (3)	2 (4)	3 (7)
Symptoms and ill defined conditions	1 (1)	2 (2)	3 (3)
Motor vehicle accidents	6 (6)	4 (1)	10 (7)
All other accidents	4 (1)	2 (6)	6 (7)
Suicide and self-inflicted injuries	3 (2)	3 (-)	6 (2)
Total all causes	203	157	360



AGE AND SEX DISTRIBUTION OF DEATHS

Age			Males	Females	Total
Under four weeks	...	....	9 (6)	7 (6)	16 (12)
4 weeks and under 1 year	...	...	4 (5)	2 (6)	6 (11)
1 - 4 years	...	...	- (-)	3 (2)	3 (2)
5 - 14 years	...	...	5 (1)	2 (1)	7 (2)
15 - 24 years	...	...	5 (4)	1 (-)	6 (4)
25 - 35 years	...	...	7 (4)	4 (-)	11 (4)
36 - 44 years	...	...	11 (8)	8 (12)	19 (20)
45 - 54 years	...	...	26 (19)	12 (22)	38 (41)
55 - 64 years	...	...	43 (38)	18 (16)	61 (54)
65 - 74 years	...	...	53 (54)	29 (41)	82 (95)
75 years and over	...	...	40 (41)	71 (72)	111 (113)
Total			203 (180)	157 (178)	360 (358)

Accidental deaths:	Motor vehicle accidents	10
	Result of fall	4
	Drowning	2

68 deaths referred to the Coroner

Place of death:	In hospital	247
	At home	106
	On the road	5
	River	1
	Sea	1

COMMUNICABLE DISEASES (other than tubercu

Age:		0 –		1 –		2 –		3 –		4 –		5 –	
Scarlet Fever	...	-	(-)	-	(1)	7	(7)	15	(10)	8	(13)	41	(41)
Whooping Cough	...	-	(7)	-	(9)	2	(12)	2	(7)	2	(9)	5	(16)
Measles	...	87	(11)	214	(24)	165	(26)	283	(23)	278	(29)	618	(618)
Dysentery	...	-	(-)	-	(3)	-	(1)	-	(1)	1	(-)	2	(2)
Food poisoning	...	-	(-)	-	(-)	-	(-)	-	-	-	(-)	1	(1)
Infectious hepatitis	...	1	(-)	-	(1)	-	(1)	-	(1)	2	(-)	6	(6)
Meningococcal infection		-	(-)	-	(-)	-	(-)	-	(-)	1	(-)	-	(-)

ifications according to age

												<i>Incidence rate per 10,000 population</i>			
10 –		15 –		25 –		45 –		65 –		Total		Harlow		England & Wales	
3	(2)	1	(1)	-	(-)	-	(-)	-	(-)	85	(69)	11.1	(9.3)	3.3	(3.0)
2	(2)	-	(-)	-	(-)	-	(-)	-	(-)	13	(64)	1.7	(8.6)	1.0	(3.5)
7	(-)	7	(-)	3	(1)	-	(-)	-	(-)	1682	(182)	220.6	(20.5)	29.1	(48.7)
-	(-)	1	(1)	2	(4)	-	(-)	-	(-)	6	(17)	0.8	(2.3)	4.5	(4.0)
-	(-)	1	(1)	-	(1)	-	(-)	-	(-)	3	(2)	0.4	(0.3)	1.5	(1.2)
	(41)	3	(30)	6	(24)	-	(1)	-	(-)	24	(161)	3.1	(23.1)	4.8	(*)
-	(-)	-	(-)	-	(-)	-	(-)	-	(-)	1	(1)	0.1	(0.1)	0.3	(0.1)

\* Infectious Hepatitis became a notifiable disease throughout England and Wales only on 15 June 1968.

CAUSES OF DEATH OF INFANTS UNDER THE AGE OF ONE YEAR

	<i>Under 1 day</i>	<i>1 - 7 days</i>	<i>Total under 1 week</i>	<i>1 - 2 weeks</i>	<i>2 - 3 weeks</i>	<i>3 - 4 weeks</i>	<i>Total under 1 month</i>	<i>1 - 3 months</i>	<i>3 - 6 months</i>	<i>6 - 9 months</i>	<i>9 - 12 months</i>	<i>Total under 1 year</i>
Immaturity . . .	5 (6)	2 (1)	7 (7)	- (-)	- (-)	- (-)	7 (7)	- (-)	- (-)	- (-)	- (-)	7 (7)
Congenital anomalies	1 (1)	2 (1)	3 (2)	- (-)	- (-)	- (-)	3 (2)	1 (1)	- (-)	- (1)	- (-)	4 (4)
Bronchitis/Broncho- pneumonia . . .	- (-)	1 (-)	1 (-)	- (-)	1 (-)	- (-)	2 (-)	1 (2)	- (1)	- (-)	- (-)	3 (3)
Anoxic and hypoxic conditions . . .	3 (2)	- (-)	3 (2)	- (-)	- (-)	- (-)	3 (2)	- (-)	- (-)	- (-)	- (-)	3 (2)
Congenital disorders of metabolism	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
Accidental asphyxia	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (1)	- (2)	- (-)	- (-)	- (3)
Gastroenteritis . . .	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (1)	- (-)	(1)	- (-)	- (2)
Meningitis . . .	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	- (-)	- (-)	- (-)	1 (-)
Other . . .	1 (-)	- (-)	1 (-)	- (1)	1 (-)	- (-)	2 (1)	1 (-)	1 (1)	- (-)	- (-)	4 (2)
Total . . .	10 (9)	5 (2)	15 (11)	- (1)	2 (-)	- (-)	17 (12)	4 (5)	(1) (4)	- (2)	- (-)	22 (23)



COMMUNICABLE DISEASES - TUBERCULOSIS

	<i>Respiratory</i>				<i>Other</i>					
	<i>Males</i>		<i>Females</i>		<i>Males</i>		<i>Females</i>		<i>Total</i>	
Number of cases on register on 1. 1. 69:	293	(305)	298	(304)	30	(29)	29	(29)	650	(667)
Number of cases added to the register during 1969:										
New cases . . .	9	(7)	6	(10)	1	(2)	-	(-)	16	(19)
Inward transfers	11	(2)	2	(1)	-	(1)	-	(-)	13	(5)
Number of cases removed from the register during 1969:										
Deaths . . .	7	(3)	1	(2)	-	(-)	-	(-)	8*	(5*)
Outward transfers	5	(17)	1	(15)	-	(-)	-	(1)	6	(35)
Patients cured	2	(1)	-	(-)	-	(-)	-	(-)	2	(1)
Number of cases remaining on register on 31. 12. 69:	299	(293)	304	(298)	31	(30)	29	(29)	663	(650)

\*All deaths from causes other than tuberculosis.

Incidence of new cases		Respiratory				Other				Total	
		Males		Females		Males		Females			
(a)	According to age										
	Under 5 years . . .	1	(3)	1	(-)	-	(-)	-	(-)	2	(3)
	5 - 14 years . . .	1	(-)	3	(4)	-	(-)	-	(-)	4	(4)
	15 - 24 years . . .	-	(-)	-	(-)	-	(1)	-	(-)	-	(1)
	25 - 44 years . . .	3	(3)	1	(4)	-	(1)	-	(-)	4	(8)
	45 - 64 years . . .	3	(1)	1	(1)	-	(-)	-	(-)	4	(2)
	65 and over . . .	1	(-)	-	(1)	1	(-)	-	(-)	2	(1)

(b) *Rate per 1000 population*

		<i>Respiratory</i>		<i>Other</i>	
Harlow . . .		0.2	(0.2)	0.01	(0.03)
England and Wales		0.2	(0.2)	0.05	(0.04)

**Mortality rate per 1000 population**

		<i>Respiratory</i>		<i>Other</i>	
Harlow . . .		-	(-)	-	(-)
England and Wales		0.02	(0.03)	0.01	(0.01)

MASS RADIOGRAPHY

Location of Unit						<i>Persons X-Rayed</i>		
						<i>Male</i>	<i>Female</i>	<i>Total</i>
Old Harlow	...	...	...	...	...	73	86	159
Bush Fair	...	...	...	...	...	172	209	381
The High	...	...	...	...	...	913	1362	2275
B.P. Ltd.	...	...	...	...	...	305	159	464
Total number X-rayed						1463	1816	3279
Requiring further investigation						11	5	16

Classification of attendances

General public	1161	1651	2812
Organized groups	302	165	467

Pulmonary tuberculosis

Requiring immediate attention	-	-	-
Requiring occasional clinic supervision	2	1	3

Abnormalities other than tuberculosis

Malignant neoplasm in thorax	1	1	2
Sarcoidosis	1	-	1
Congenital abnormalities of heart and vascular system	1	3	4
Bacterial and virus infection of the lung	-	1	1
Abnormalities of the diaphragm and oesophagus	1	-	1
Other abnormalities	2	-	2

The above information was supplied by the Medical Director of the Mass Radiography Unit

SANITARY CIRCUMSTANCES AND INSPECTIONS

Water				Gallons		
Water supplied unmeasured (domestic) . . .	. . .	. . .		912.5	(804.8)	million
Water supplied by meter (trade) . . .	. . .	. . .		568.8	(526.9)	million
Total consumption for year . . .	. . .	. . .		1481.3	(1331.7)	million
Average supplied per day - domestic . . .	. . .	. . .		2.50	(2.21)	million
- trade . . .	. . .	. . .		1.56	(1.44)	million
- all purposes . . .	. . .	. . .		4.06	(3.65)	million
Average consumption per head - domestic . . .	. . .	. . .		33	(30)	
per day - trade . . .	. . .	. . .		20	(19)	
- all purposes . . .	. . .	. . .		53	(49)	

(The above figures were supplied by the Lee Valley Water Company)

The following samples of water were taken for examination:

	Samples				Result	
	Bacteriological		Chemical		Unsatisfactory	
Public Supply						
by Public Health Department	12	(13)	5	(2)	-	(-)
by Lee Valley Water Company	395	(367)	16	(13)	-	(-)
Private wells . . . . .	5	(4)	5	(2)	1	(3)
Swimming and paddling pools						
11 swimming pools . . .	60	(55)	11	(1)	1	(2)
5 paddling pools . . . . .	9	(10)	-	(-)	2	(1)
River . . . . .	1	(-)	-	(-)	1	(-)

Sewage disposal other than through sewers

Cesspools, septic and chemical tanks . . . . .	. . .	. . .	. . .	. . .	53	(53)
Chemical closets (emptied weekly by Harlow UDC) . . .	. . .	. . .	. . .	. . .	12	(4)
Pail closets (emptied by occupier) . . . . .	. . .	. . .	. . .	. . .	1	(1)
Pail closets (emptied by Harlow UDC) . . . . .	. . .	. . .	. . .	. . .	3	(4)

Housing

(i) GENERAL						
Complaints of housing defects . . . . .	. . .	. . .	. . .	. . .	145	(151)
Housing inspections carried out - by medical officers . . .	. . .	. . .	. . .	. . .	55	(56)
by public health inspectors . . . . .	. . .	. . .	. . .	. . .	190	(562)
Intimation notices served . . . . .	. . .	. . .	. . .	. . .	61	(62)
Statutory notices served . . . . .	. . .	. . .	. . .	. . .	7	(1)
Houses where defects were remedied . . . . .	. . .	. . .	. . .	. . .	40	(53)

(ii) IMPROVEMENTS

		<i>Standard Grant</i>	<i>Discretionary Grant</i>	<i>Total</i>
(a) Individual houses				
Applications received	...	2 (6)	2 (5)	4 (11)
Applications approved	...	2 (6)	1 (5)	3 (11)
Applications refused	...	- (-)	- (-)	- (-)
Applications withdrawn	...	- (-)	1 (-)	1 (-)
Dwellings where work completed		4 (6)	2 (3)	6 (9)

Offices, Shops and Railways Premises Act, 1963

REGISTERED PREMISES

		<i>Premises registered during year</i>	<i>Total number of registered premises at end of year</i>	<i>Registered premises receiving a general inspection during the year</i>
Offices	... ..	15 (17)	147 (146)	159 (58)
Retail shops	...	11 (28)	297 (301)	206 (178)
Wholesale shops, warehouses		6 (11)	27 (24)	21 (22)
Catering establishments open to public, canteens		1 (4)	36 (37)	30 (16)
Fuel storage depots	...	- (-)	1 (1)	1 (1)
Total	... ..	33 (60)	508 (509)	417 (275)



PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

Class of Workplace							Number of persons employed	
Offices	...	...	...	...	...	...	3,305	(2,382)
Retail shops	...	...	...	...	...	...	3,443	(2,488)
Wholesale shops, warehouses	...	...	...	...	...	...	226	(334)
Canteens and catering establishments								
open to the public	...	...	...	...	...	...	396	(358)
Fuel storage depots	...	...	...	...	...	...	3	(10)
Total							7,373	(5,572)
Total males							3,213	(2,450)
Total females							4,160	(3,122)
Number of visits by inspectors to registered premises							519	(614)

CONTRAVENTIONS

Sections of Act								
4	Lack of cleanliness	...	...	...	...	...	130	(81)
5	Overcrowding	...	...	...	...	...	-	(3)
6	Inadequate temperature	...	...	...	...	...	15	(31)
7	Inadequate ventilation	...	...	...	...	...	29	(28)
8	Insufficient lighting	...	...	...	...	...	21	(16)
9	Defects in, or lack of, sanitary conveniences	...	...	...	...	...	32	(34)
10	Defects in, or lack of, washing facilities	...	...	...	...	...	47	(36)
11	Lack of drinking water supply	...	...	...	...	...	2	(6)
12	Lack of clothing accommodation	...	...	...	...	...	5	(12)
13	Lack of sitting facilities	...	...	...	...	...	1	(5)
16	Defects in floors and passages	...	...	...	...	...	25	(13)
17	Inadequate fencing of exposed parts of machinery	...	...	...	...	...	4	(17)
18	Protection of young persons from dangerous machinery	...	...	...	...	...	-	(3)
24	Lack of first-aid equipment	...	...	...	...	...	57	(77)
27	Dangerous equipment	...	...	...	...	...	9	(14)
49	Failure to register premises	...	...	...	...	...	50	(41)
50	Lack of information for employees	...	...	...	...	...	46	(48)
Total							473	(465)
Number of notices sent to occupiers of premises							130	(113)
Number of accidents notified to local authority under Section 48							32	(20)
Number of statutory notices served							-	(-)
Number of legal proceedings for contraventions of Act							1	(-)

Factories Act, 1961

Factories in which Sections 1, 2, 3, 4 and 6 are to enforced by local authorities . . . . .	3	(5)
Factories not included in above in which Section 7 is enforced by local authority . . . . .	139	(138)
Other premises in which Section 7 is enforced by the local authority (excluding outworkers' premises) . . . . .	22	(26)
Inspections . . . . .	111	(89)
Written notices . . . . .	11	(8)
Referred to HM Inspector of Factories . . . . .	1	(1)
Referred from HM Inspector of Factories . . . . .	1	(1)

DEFECTS FOUND:

Unsuitable, unclean or defective sanitary accommodation . . .	10	(2)
Inadequate ventilation . . . . .	-	(1)
Other offences against the Act	1	(6)

OUTWORKERS (mainly engaged on work in connexion with wearing apparel) . . . . .	225	(210)
---------------------------------------------------------------------------------	-----	-------

Atmospheric Conditions

	Air temperature (Fahrenheit)			Rainfall in inches	Smoke & sulphur dioxide in micrograms per cubic metre	
	A	B	C		Smoke	SO <sup>2</sup>
	Mean Min.	Mean Max.	Mean of A & B			
January	40.0 (33.9)	48.7 (44.6)	44.3 (39.2)	2.01 (1.72)	42 (38)	131 (159)
February	29.2 (31.1)	39.1 (41.1)	34.1 (36.1)	1.67 (0.87)	39 (32)	125 (143)
March	33.4 (37.5)	45.1 (51.8)	39.2 (44.6)	1.87 (0.79)	30 (22)	103 (133)
April	37.5 (37.9)	53.5 (56.0)	45.5 (46.9)	0.99 (1.47)	15 (21)	81 (120)
May	46.5 (42.5)	62.0 (58.7)	54.2 (50.6)	0.11 (1.22)	12 (16)	59 ( 92)
June	48.1 (51.4)	66.0 (67.9)	57.0 (59.6)	1.31 (2.34)	8 (11)	46 ( 69)
July	54.3 (52.2)	74.0 (68.2)	64.1 (60.2)	2.88 (2.63)	12 (13)	49 ( 85)
August	55.4 (54.3)	70.1 (67.6)	62.7 (60.5)	3.29 (2.72)	12 (11)	42 ( 56)
September	51.2 (52.1)	66.1 (65.3)	58.6 (58.7)	0.11 (3.02)	16 (13)	38 (43)
October	48.3 (50.2)	66.1 (61.0)	57.2 (55.6)	0.29 (2.92)	* (22)	* (81)
November	37.5 (40.3)	48.1 (48.3)	42.8 (44.3)	2.67 (1.08)	31 (28)	132 ( 99)
December	34.5 (33.5)	42.7 (40.9)	38.6 (37.2)	1.81 (2.37)	* (42)	* (138)

The meteorological data were supplied by the Harlow Development Corporation. Observations of smoke and sulphur dioxide were made by the staff of the Public Health Department.

Food

TYPE AND NUMBER OF FOOD SHOPS AND OTHER FOOD PREMISES IN THE DISTRICT

Grocers	...	...	...	...	...	...	...	...	33	(33)
Butchers	...	...	...	...	...	...	...	...	22	(22)
Fishmongers (including fish fryers)	...	...	...	...	...	...	...	...	13	(13)
Greengrocers	...	...	...	...	...	...	...	...	20	(18)
Sweets and confectionery	...	...	...	...	...	...	...	...	26	(26)
General food stores	...	...	...	...	...	...	...	...	12	(11)
Cafes and restaurants	...	...	...	...	...	...	...	...	27	(26)
Public houses	...	...	...	...	...	...	...	...	25	(25)
Off-licences	...	...	...	...	...	...	...	...	8	( 8)
Halls, community centres and clubs	...	...	...	...	...	...	...	...	61	(55)
Factory and other industrial canteens	...	...	...	...	...	...	...	...	55	(42)
School canteens	...	...	...	...	...	...	...	...	36	(36)
Building site canteens	...	...	...	...	...	...	...	...	8	(12)
Food storage depots	...	...	...	...	...	...	...	...	4	( 4)
Food factories	...	...	...	...	...	...	...	...	7	( 7)
Bakehouses and bakers	...	...	...	...	...	...	...	...	10	(11)
Market stalls	...	...	...	...	...	...	...	...	14	(14)
Total									381	(363)

N.B. There are no egg pasteurization plants in this district.

[Liquid Egg (Pasteurization) Regulations, 1963]

NUMBER OF PREMISES SUBJECT TO THE FOOD HYGINE (GENERAL) REGULATIONS, 1960

Number of food premises	...	...	...	...	...	...	...	367	(349)
Number of premises fitted to comply with Regulation 16	...	...	...	...	...	...	...	367	(349)
Number of premises to which Regulation 19 applies	...	...	...	...	...	...	...	355	(337)
Number of premises fitted to comply with Regulation 19	...	...	...	...	...	...	...	354	(335)
(One exemption certificate granted)									

PREMISES REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT, 1955

Storage and sale of ice-cream	...	...	...	...	...	...	81	(82)
Preparation or manufacture of sausages or potted, pressed, pickled or preserved food	...	...	...	...	...	...	31	(31)

There are no poultry processing premises within the district.



MILK SUPPLY

Number of milk depots registered	...	...	...	...	...	4	(4)
Number of inspections carried out	...	...	...	...	...	20	(14)

Licences issued under Milk (Special Designation) Regulations 1960 & 1963:

Pasteurized	...	...	...	...	...	30	(30)
Sterilized	...	...	...	...	...	24	(24)
Ultra-heat treated	...	...	...	...	...	8	(8)
Number of premises from which milk was sold	...	...	...	...	...	30	(30)

Bacteriological Examination of Food

Milk		Samples	Satisfactory	Unsatisfactory
Pasteurized	...	84 (51)	81 (43)	3* (8*)
Sterilized	...	18 (26)	18 (26)	- (-)
Pasteurized Channel Island		4 ( 4)	4 ( 3)	- ( 1)
Ultra-heat treated	...	9 (14)	9 (14)	- (-)
Cultured butter milk		2 (-)	2 (-)	- (-)

\*Failed to pass the methylene blue test

Ice-Cream and Ice Lolly		Samples	Satisfactory	Unsatisfactory
Ice-Cream	...	122 (94)	Grade I 93 (57) Grade II 16 (12)	Grade III 10 (12) Grade IV 3 (13)
Ice Lolly	...	- ( 7)	-( 7)	- (-)

Cooked Meat and Meat Products		Samples	Satisfactory	Unsatisfactory
Brawn	...	2 (1)	1 (1)	1 (-)
Corned beef	...	6 (8)	5 (7)	1 (1)
Faggot	...	- (2)	- (2)	- (-)
Ham	...	18 (6)	11 (5)	7 (1)
Jellied veal	...	4 (3)	2 (3)	2 (-)
Luncheon meat	...	17 (16)	12 (11)	5 (5)
Pork	...	2 (1)	2 (-)	- (1)
Other cooked meats and meat products	...	18 (19)	14 (4)	4 (5)
Total	...	67 (56)	47 (43)	20 (13)

Miscellaneous		Samples	Satisfactory	Unsatisfactory
Fresh cream	...	23 (4)	18 (3)	5 (1)
U.H.T. cream	...	2 (1)	2 (1)	- (-)
Imitation cream	...	2 (1)	2 (1)	- (-)
Artificial cream-filled cakes		5 (1)	5 (1)	- (-)
Dairy cream-filled cakes		14 (10)	13 (9)	1 (1)
Shellfish	...	20 (17)	13 (13)	7 (4)
Potato salad etc.		6 (-)	6 (-)	- (-)
Pet foods		20 (-)	20 (-)	- (-)
Total	...	92 (34)	79 (28)	13 (6)



Chemical Analysis of Food and Drugs

<i>Articles submitted for analysis</i>	<i>Number of samples</i>			<i>Samples adulterated or otherwise irregular</i>		
	<i>Formal</i>	<i>Informal</i>	<i>Total</i>	<i>Formal</i>	<i>Informal</i>	<i>Total</i>
* Meat and meat products	15 (6)	17 (13)	32 (19)	4 (-)	2 (2)	6 (2)
Milk and milk products	21 (15)	12 (6)	33 (21)	- (-)	4 (-)	4 (-)
Ice-cream . . . . .	- (1)	2 (10)	2 (11)	- (-)	- (-)	- (-)
Soft drinks . . . . .	5 (4)	9 (4)	14 (8)	- (-)	- (-)	- (-)
Wines and spirits . . .	10 (11)	7 (1)	17 (12)	- (-)	1 (-)	1 (-)
* Other foods . . . . .	16 (31)	65 (58)	81 (89)	- (2)	7 (2)	7 (4)
Medicines and drugs . . .	19 (19)	20 (22)	39 (41)	1 (-)	- (-)	1 (-)
Miscellaneous food examined for residual pesticides	- (-)	- (3)	- (3)	- (-)	- (-)	- (-)
Total	86 (87)	132 (117)	218 (204)	5 (2)	14 (4)	19 (6)

UNSATISFACTORY SAMPLES

<i>Article</i>	<i>Defect</i>	<i>Comments</i>
Yoghurt (low fat)	Fat content too high (2.7 per cent)	No standard exists, but Public Analyst's opinion brought to the notice of manufacturer.
Beef chipolatas	Contained preservative.	Technical offence.
Pork chipolatas	No declaration of preservative on label at time of sale.	Warning given.
Strawberry syrup	Contained unauthorised preservative	Stocks of this article were withdrawn by distributor.
Alfalfa tablets	Misleading statement re Vitamin A content	Warning letter. Label amended by manufacturer.
Steak & Kidney pie	Insufficient kidney	Warning given to manufacturer.
Shrimps (peeled - in brine)	No statement on label indicating presence of salt.	Technical offence. Manufacturer requested to alter label.
* Prawns (can)	Contained a fly	Common house-fly. Tests indicated that it had not been heated during canning. Complaint not justified.
* Dragees (tinted)	Contained colouring matter not now permitted	Old stock. Made when colouring agent was permitted. Warning sent to manufacturer who disposed of goods.

\* Includes samples taken as a result of complaints from the public

Sausages (pork and beef - 2 samples)	No declaration of preservative in food	Warning letter to retailer.
Smoked cheese (Austrian)	Milk fat below amount shown on label	Minor offence. Warning letter to manufacturer.
* Bread (Vienna)	Contained fragments of black matter	Charred dough - informed manufacturer.
* Butter	Contained flake of matter identified as dried milk solids.	Present in butter when imported into this country. No action possible.
* Sugar	Contained common salt	Evidence insufficient. No action possible.
* Milk bottle	Foreign object identified as rabbit excreta	School milk. No evidence to prove place and time of contamination.
* Potato crisps	Contained metal object	Cylindrical piece of ferrous metal with traces of oily matter adhering to it. Legal proceedings instituted against manufacturer.
* Fruit wine	Proof spirit below the amount stated on label	Warning letter sent to manufacturer
* Cake	Contained piece of cardboard.	Warning letter sent to manufacturer
* Samples taken as a result of complaints from the public		

## LEGAL PROCEEDINGS

<i>Law contravened</i>	<i>Offence</i>	<i>Fine</i>	<i>Costs</i>
Food & Drugs Act, 1955, section 2	Sale of:		
	Cornish pasty containing piece of glass . . . . .	£10	3 gns
	Unsound can of corned beef . . .	£20	4 gns
	Sour and discoloured sausages	£10	3 gns
	Mouldy bread . . . . .	£20	£4
	Foreign material in bread . . .	£20	£4
section 8 . . . . .	Decomposed cooked shoulder. . .	£30	5 gns

## SUMMARY OF LEGAL PROCEEDINGS

Prosecutions ordered by Council . . . . .	11	(14)
Cases heard in Magistrates' Court	6	(15)
Cases remaining to be dealt with on 31. 12. 70. . . . .	2	(2)
Cases withdrawn . . . . .	3	(3)

**Rodent Control (Prevention of Damage by Pests Act, 1949)**

Complaints received . . . . .	268	(320)
Properties inspected . . . . .	401	(418)
Total number of inspections and reinspections . . . . .	2,111	(2,434)
Properties found infested and treated by Public Health Dept. . . . .	365	(316)
Properties found infested and treated by occupier . . . . .	3	( - )
No evidence of infestation . . . . .	33	(2)
Contracts entered into . . . . .	62	(67)
Sewer manholes baited . . . . .	-	(25)

**Summary of other work carried out by public health inspectors**

Inspection of Food Shops . . . . .	506
"    "    Food Stalls and Vehicles . . . . .	90
"    "    Food Manufacturing Premises . . . . .	42
"    "    Cafes, Restaurants and Public Houses . . . . .	102
"    "    Canteens . . . . .	214
"    "    Community Centres and Club Catering . . . . .	22
"    "    School Canteens . . . . .	98
Visits in connection with food complaints . . . . .	389
Visits in connection with unsound food . . . . .	201
Visits for sampling purposes . . . . .	588
Inspection of swimming pools . . . . .	29
Visits in connection with water supplies . . . . .	34
Inspection of schools - General . . . . .	4
Inspection in connection with refuse collection and storage . . . . .	147
Drainage Inspections . . . . .	289
Inspections in connection with public health nuisances . . . . .	907
Inspections in connection with noise nuisance . . . . .	37
Visits in connection with insect pests and vermin . . . . .	613
Visits in connection with communicable disease . . . . .	113
Inspections in connection with emission of smoke, fumes and odours . . . . .	167
Visits in connection with other duties under the Clean Air Acts . . . . .	70
Inspections under the Caravan Sites Acts . . . . .	20
Inspection in connection with duties under the Petroleum Acts . . . . .	526
Inspection of hairdressers and barbers . . . . .	16
Inspections under Pet Animal Acts . . . . .	4
Inspections under Animal Boarding Establishments Acts . . . . .	5
Visits in connection with health education . . . . .	123
Inspection of places of entertainment . . . . .	3
Sundry other visits . . . . .	1,640

\*Owing to the change in the method of recording a comparison with previous years is not possible.



## SERVICES OF THE ESSEX COUNTY COUNCIL

The membership of the Harlow Health Area Sub-Committee which controls the decentralized services of the County Health Committee was, on 31 December, 1969, as follows:

Representing Harlow Urban District  
Council . . . . .

Councillor Mrs E. I. V. Morris (Chairman)  
Councillor Mrs M. Bach  
Councillor B. E. Barry  
Councillor Mrs S. Brookes  
Councillor R. A. Casely  
Councillor R. P. Chant  
Councillor R. F. Clemson  
Councillor D. F. Condon  
Councillor J. T. Desormeaux  
Councillor W. Gibson  
Councillor H. W. Morris  
Councillor E. L. Parrish

Representing Essex County Council

Alderman G. C. Waterer B.Sc.  
Councillor M. D. Grafford  
Councillor D. L1. Jones (Education Committee)  
Councillor M. D. Juliff  
Councillor Mrs I. H. N. Parker  
Councillor F. R. Prosser  
Councillor L. A. Welch

Representing Harlow Group Hospital  
Management Committee . . . .

Councillor Mrs S. Anderson

Representing National Health Service  
Executive Council for Essex . . .

Mrs K. A. Wilson

Representing Local Medical Committee  
for Essex . . . . .

Dr J. Meyrick

Representing Local Voluntary Organ-  
izations . . . . .

Dr A. H. Campbell



## STAFF OF THE AREA HEALTH OFFICE ON 31st DECEMBER, 1969

(Some also deal with the School Health Service)

Area Medical Officer	...	...	I. Ash, MD, DPH (Part-time)
Senior Medical Officer	...	...	G. E. Thomas MB, BS, DRCOG, DPH (Part-time)
Medical Officers			Celia Palmer MB, BS, MRCS, LRCP, DA
			Dorothy Donald, MB, BS, MRCS, LRCP (Part-time)
			Mary D. Gleeson MB, B.Ch, BAO (Part-time)
			Hermione Goldspink MB, BS (Part-time)
			Joyce M. Medley MB, ChB (Part-time)
			Elizabeth Robertson MB, ChB (Part-time)
Area Dental Officer	...	...	M. Ashar, LDS, RCS
Dental Officer	...	...	R. R. Troup LDS (from 1.10.69)
Dental Auxiliary	...	...	Mrs G. A. Thurgood (from 2.6.69)
Superintendent Health Visitor	...	...	Miss I. C. Roberts, SRN, SCM, QN, HV Cert. (Resigned 21.9.69)
Health Visitors	...	...	11 Full-time (one engaged entirely on tuber- culosis work) 1 Part-time
Clinic Nurses	...	...	2 Full-time 2 Part-time
Non-medical Supervisor of Midwives and Superintendent of District Nurses	...	...	Miss E. Bergin, SRN, SCM
Midwives	...	...	9 Full-time
District Nurses	...	...	5 Full-time 4 Part-time
Home Help Organizer	...	...	Mrs. B. Oliver
Home Helps	...	...	43 Part-time 1 Full-time
Senior Administrative Officer	...	...	H. S. Alleyne, DPA
Administrative and Clerical Officers			13 Full-time

1. PART III OF THE NATIONAL HEALTH SERVICE ACT, 1946

Mothercraft and Relaxation Classes

Sessions held . . . . .	144	(208)
Number of women attending . . . . .	130	(204)
Number of attendances . . . . .	966	(1,296)

Child Welfare

Child welfare sessions (doctor in attendance) . . . . .	653	(633)
Health visitors' consultative sessions . . . . .	71	(193)
Total number of attendances by health visitors . . . . .	1,038	(1,082)
Total number of child attendances . . . . .	17,500	(19,410)

Midwifery

(a) Clinics, ante - and post natal

Attendances by midwives at GP clinics . . . . .	796	(697)
Number of examinations carried out . . . . .	9,240	(7,973)
Attendances by midwives at own clinics . . . . .	442	(369)
Number of examinations carried out . . . . .	3,006	(1,934)

(b) Domiciliary work

Number of confinements attended Home . . . . .	182)	
As midwives . . . . . G.P. Unit . . . . .	256)	438 (238)
As maternity nurses after early discharge . . . . .	324	(310)
Administration of analgesics		
Gas and air or Trilene . . . . .	382	(211)
Pethidine or similar compound . . . . .	213	(105)

Health Visiting

(a) Clinics and schools

Sessions attended at child health clinics . . . . .	1,038	(1,082)
Sessions attended at ante-natal and mothercraft clinics . . . . .	224	(257)
Sessions attended at school clinics . . . . .	221	(138)
Sessions attended at schools . . . . .	906	(818)

(b) *Domiciliary work*

Persons visited during the year					
Children under 5 years	...	...	...	5256	(5,033)
Persons aged 65 and over	...	...	...	109	(59)
Others	...	...	...	338	(333)
Number of visits during the year				...	...
To children under 5 years	...	...	...	10,033	(9,977)
To persons aged 65 years and over	...	...	...	162	(117)
Others	...	...	...	644	(555)
Total effective visits				10,839	(10,649)
Total ineffective visits				2,863	(2,473)

(c) *Tests for phenylketonuria*

Number of tests at home or clinic	...	...	1,324	(1,065)
Special visits to homes to collect urine specimens	...	...	245	(147)

(d) *Tuberculosis visiting*

Chest clinic sessions attended	...	...	...	282	(302)
Households visited during the year	...	...	...	159	(211)
Total number of home visits	...	...	...	566	(639)

Home Nursing

(a) Clinics

Number of sessions attended	...	...	...	1,704	(1,842)
Number of new patients treated	...	...	...	5,361	(4,708)
Total attendances by patients	...	...	...	12,820	(12,683)

(b) Domiciliary work

Number of patients attended under 65 years of age				317	(325)
Number of patients attended aged 65 years and over				433	(319)
Number of visits to patients under 65 years of age				5,371	(6,116)
Number of visits to patients aged 65 years and over				4,801	(15,864)

Immunizations (other than BCG)

Smallpox	...	...	...	967	(1,004)
Revaccinations	...	...	...	180	(111)
Diphtheria/Pertussis/Tetanus	...	...	...	967	(1,339)
Booster doses	...	...	...	1,057	(1,039)
Diphtheria/Tetanus	...	...	...	116	(81)
Booster doses	...	...	...	1,370	(1,334)
Diphtheria	...	...	...	8	(2)
Booster doses	...	...	...	56	(32)
Tetanus	...	...	...	54	(241)
Booster doses	...	...	...	174	(122)
Poliomyelitis - Sabin oral vaccine		...	...	1,441	(1,556)
Booster doses	...	...	...	2,119	(1,959)
Measles	...	...	...	1,014	(1,115)

Chiropody

Total number of treatments	...	...	...	5,490	(5,213)
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At clinics

To physically handicapped	...	...	...	57	(79)
To aged over 65 years	...	...	...	3,416	(3,354)

In old people's homes	...	...	...	170	(154)
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*Domiciliary*

To physically handicapped	...	...	...	80	(105)
To aged over 65 years	...	...	...	1,767	(1,521)
To others	...	...	...	—	(—)
Total	...	...	...	1,847	(1,626)

*Patients being treated at end of year*

Physically handicapped	...	...	...	35	(36)
Aged over 65 years	...	...	...	879	(841)
Others	...	...	...	—	(—)
Total	...	...	...	914	(877)

**Home Help***Cases helped during year*

Persons aged 65 years and over	...	...	...	290	(256)
Maternity cases	...	...	...	40	(49)
Chronic sick under 65 years	...	...	...	34	(37)
Others under 65 years	...	...	...	57	(63)
Total	...	...	...	421	(405)

*Hours of help given*

To persons aged 65 years and over	...	...	...	33,081	(30,715)
To maternity cases	...	...	...	901	(1,418)
To chronic sick under 65 years	...	...	...	2,809	(3,386)
To others under 65 years	...	...	...	2,828	(3,448)
Total	...	...	...	39,619	38,967)

*Cases being helped at end of year*

Persons aged 65 years and over	...	...	...	211	(177)
Maternity cases	...	...	...	4	(1)
Chronic sick under 65 years	...	...	...	19	(15)
Others under 65 years	...	...	...	9	(8)
Total	...	...	...	243	(201)

*New cases during this year*

Persons aged 65 and over	...	...	...	113	(93)
Maternity cases	...	...	...	39	(47)
Chronic sick under 65 years	...	...	...	19	(20)
Others under 65 years	...	...	...	49	(47)
Total	...	...	...	220	(207)

<b>Medical Examination of Staff</b>						
Number of medical questionnaires submitted	...				479	(480)
Number of entrants appointed without medical examination					326	(167)
Number of entrants medically examined	...				104	(232)
<b>Other medical examinations</b>						
Employees of other local authorities	...	...			9	(9)
Others (including teachers and entrants to training colleges)					89	(83)
Number of X-ray examinations					369	(231)

2. SCHOOL HEALTH SERVICE - EDUCATION ACT, 1944

<b>School Medical examinations</b>						
Routine examinations	...	...	...		3,562	(3,230)
Special and re-examinations	...	...	...		3,870	(2,819)
Defects requiring observation		...	...		2,817	(3,617)
Defects requiring treatment	...	...	...		272	(572)
<b>Audiometry</b>						
Referred for test	...	...	...	...	160	(180)
Tested for first time		...	...	...	160	(180)
Re-tested	...	...	...	...	18	(21)
No defect found	...	...	...	...	115	(140)
Placed under observation		...	...	...	11	(5)
Treatment required		...	...	...	52	(54)
Awaiting result of test		...	...	...	-	(2)
<b>Speech Therapy</b>						
New cases referred	...	...	...		72	(35)
Cases treated for first time	...	...	...		104	(35)
Cases under treatment at the end of the year			...			
Infants	...	...	...		39	(19)
Juniors	...	...	...		16	(14)
Seniors	...	...	...		6	(12)
The Mead School	...	...	...		23	(18)
Under 5 years	...	...	...		12	(3)
Pupils who completed or discontinued treatment during the year						
Infants	...	...	...		25	(15)
Juniors	...	...	...		15	(5)
Seniors	...	...	...		5	(-)
The Mead School	...	...	...		7	(4)
Under 5 years	...	...	...		5	(5)

Prevention of tuberculosis

(i)	<i>Tuberculosis case finding in school entrants</i>				
	Children to whom Heaf test was offered	...		1,067	(2,002)
	Number who accepted	...	...	885	(1,658)
	Number tested	...	...	672	(1,472)
	Positive reactions	...	...	5	(17)
	Significant findings on further investigation	...		2	(1)
	No significant findings	...	...	3	(16)
(ii)	<i>BCG Vaccination *</i>				
	Children to whom vaccination was offered	...		2,531	(1,648)
	Number who accepted	...	...	1,920	(1,281)
	Number Heaf tested	...	...	1,419	(1,159)
	Positive reactions	...	...	35	(82)
	Negative reactions	...	...	1,384	(1,033)
	Number vaccinated	...	...	1,356	(946)

\* One comprehensive school not included because teaching staff was on strike when testing was arranged. This school will be included in the 1970 programme.





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